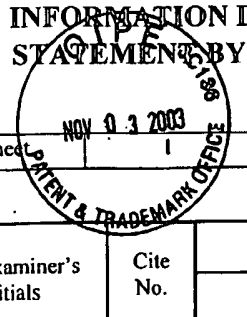


FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/611,416	ATTY. DOCKET NO.: H0498.70170US00
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		FILING DATE: July 1, 2003	CONFIRMATION NO.: Not Yet Assigned
		APPLICANT: George Allen et al.	
		GROUP ART UNIT: Not Yet Assigned	EXAMINER: Not Yet Assigned
Sheet 1 of 2			

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
Y6	A1	3,845,309	A	Helm et al.	10-29-1974
	A2	4,432,939	A	Watanabe et al.	02-21-1984
	A3	4,942,018		Munk	07-17-1990
	A4	5,597,480	A	Zhou	01-28-1997
	A5	5,716,852	A	Yager et al.	02-10-1998
	A6	5,957,579	A	Kopf-Sill et al.	09-28-1999
	A7	6,048,498	A	Kennedy	04-11-2000
	A8	6,063,589	A	Kellogg et al.	05-16-2000

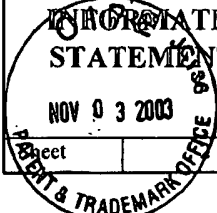
#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
Y6	B1	GB	575444	A1	Westinghouse Electric Corp.	09-24-1980	N
	B2	JP	084359	A	Toyota Central Res. Lab Inc.	03-28-2000	Abstract

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
Y6	C1	ROBERTS et al., "Analysis of Sulfur in Deposited Aerosol Particles by Vaporization and Flame Photometric Detection", (November 25, 1975), pp. 403-408.	
	C2	JAKLEVIC, et al., "Automatic Particulate Sulfur Measurements With a Dichotomous Sampler and On-Line X-ray Fluorescence Analysis", Vol. 15, No. 6, (June 1981), pp. 687-690.	
	C3	ALLEN, et al., "A New Method for Continuous Measurement of Sulfate in the Ambient Atmosphere", (October 18, 2001), pp. 1-14.	
	C4	BARDEN, EPA Project Summary: "Analysis System for Total Sulfuric Acid in Ambient Air-Development and Preliminary Evaluation", (May 1981), pp. 1-4.	
	C5	BUHR, et al., "Development of a Semi-Continuous Method for the Measurement of Nitric Acid Vapor and Particulate Nitrate and Sulfate", Vol. 29, No. 19, (March 24, 1995), pp. 2609-2624.	
	C6	CAMP, et al., "Intercomparison of Concentration Results From Fine Particle Sulfur Monitors", Vol. 16, No. 5, (May 22, 1981), pp. 911-916.	
	C7	COBURN, et al., "Continuous <i>In Situ</i> Monitoring of Ambient Particulate Sulfur Using Flame Photometry and Thermal Analysis", Vol. 12, (October 5, 1977), pp. 89-98.	
	C8	D'OTTAVIO, et al., "Determination of Ambient Aerosol Sulfur Using a Continuous Flame Photometric Detection System II. The Measurement of Low-Level Sulfur Concentrations Under Varying Atmospheric Conditions", Vol. 15, (March 31, 1980), pp. 197-203.	
	C9	GARBER, et al., "Determination of Ambient Aerosol and Gaseous Sulfur Using a Continuous FPD III. Design and Characterization of a Monitor for Airborne Applications", Vol. 17, No. 7 (December 13, 1982), pp. 1381-1385.	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/611,416	ATTY. DOCKET NO.: H00498.70170.US
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		FILING DATE: July 1, 2003	CONFIRMATION NO.: Not Yet Assigned
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Y6	C10	HOEK, et al., "Concentrations of Acidic Air Pollutants in the Netherlands", Vol. 30, No. 18 (January 12, 1996), pp. 3141-3150.	
	C11	HUNTZICKER, et al., "Continuous Measurement and Speciation of Sulfur-Containing Aerosols by Flame Photometry", Vol. 12, (August 26, 1977), pp. 83-88.	
	C12	KAMHOLTZ, et al., "Quantitative Analysis of Molecular Interaction in a Microfluidic Channel: The T-Sensor", <i>Anal. Chem.</i> , Vol. 71, No. 23 (December 1, 1999), pp. 5340-5347.	
	C13	KEELER, et al., "Transported Acid Aerosols Measured in Southern Ontario", (May 21, 1990), Vol. 24A, No. 12, pp. 2935-2950	
	C14	KITTELSON, et al., "Total Sulfur Aerosol Concentration With an Electrostatically Pulsed Flame Photometric Detector System", Vol. 12, (September 7, 1977), pp. 105-111.	
	C15	LODGE, "Methods of Air Sampling and Analysis Third Edition", (1988), pp. 527-533.	
	C16	"Series 8400S Ambient Particulate Sulfate Monitor: Quantitative, Time-Resolved Measurement of Particulate Sulfate Contained in Ambient Fine Particulate Matter", Rupprecht & Patashnick Co., Inc. (July 2001), pp. 1-4.	
	C17	"Series 8400N Ambient Particulate Sulfate Monitor", (December 19, 2001), pp. 1-2.	
	C18	"Features Sheet Series 8400S Ambient Particulate Sulfate Monitor", (March 2001), pp. 1-2.	
	C19	"SLANINA et al., "Determination of Sulfuric Acid and Ammonium Sulfates by Means of a Computer-Controlled Thermodenuder System", <i>Anal. Chem.</i> Vol. 57, No. 9, (August 1985), pp. 1955-1960.	
	C20	"Comments on Determination of Sulfuric Acid and Ammonium Sulfates by Means of a Computer-Controlled Thermodenuder System", <i>Anal. Chem.</i> Vol. 58, (1986), pp. 653-654.	
	C21	"Thermo Environmental Instruments (TEI) Model 15C Gas Filter Correlation HCl Analyzer", (January 2, 2002), pp. 1-15.	
	C22	LEE, et al., "Aerosols: Research, Risk Assessment and Control Strategies", (May 19-25, 1985), pp. 105-120.	
	C23	SUH, et al., "Field Method Comparison for the Characterization of Acid Aerosols and Gases", Vol. 28, No. 18, (March 29, 1994), pp. 2981-2989.	
	C24	TANNER, et al., "Determination of Ambient Aerosol Sulfur Using a Continuous Flame Photometric Detection System I. Sampling System for Aerosol Sulfate and Sulfuric Acid", Vol. 14, (July 19, 1979), pp. 121-127.	
	C25	WEIGL, et al., "Microfluidics: Microfluidic Diffusion-Based Separation and Detection", <i>Science</i> , (August 28, 2000) 283 (5400):346, pp. 1-4.	
	C26	International Search Report dated January 24, 2003 for International Application No. PCT/US 02/00047.	
	C27	MADDALONE, ET AL., "Measurement of Sulfuric Acid Aerosol and Total Sulfate Content of Ambient Air", <i>Environmental Science &amp; Technology</i> , (February, 1996) pp. 162-168.	
	C28	Written Opinion dated March 13, 2003 for International Application No. PCT/US 02/00047.	

EXAMINER <i>Yelise Hale</i>	DATE CONSIDERED <i>07/07/04</i>
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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